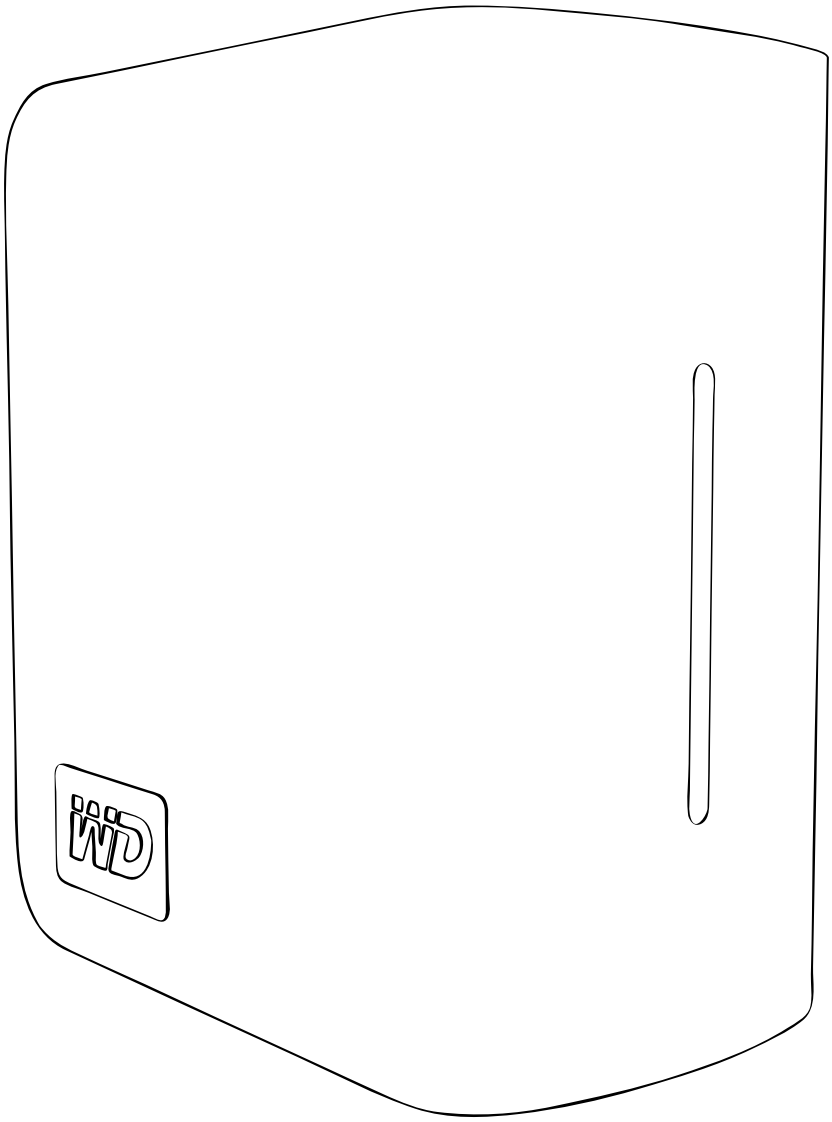
My Book®

Studio™ II

User Manual



Western Digital®

External Desktop

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1 WD Service and Support

Should you encounter any problem, please give us an opportunity to address it before returning this product. Most technical support questions can be answered through our knowledge base or e-mail support service at *http://support.wdc.com*. If the answer is not available or, if you prefer, please contact WD at the best telephone number shown below.
Your product includes 30 days of free telephone support during the warranty period. This 30-day period starts on the date of your first telephone contact with WD technical support. E-mail support is free for the entire warranty period and our extensive knowledge base is available 24/7. To help us keep you informed of new features and services, remember to register your product online at *http://register.wdc.com*.

Accessing Online Support

Visit our product support website at *http://support.wdc.com* and choose from these topics:

- **Downloads** - Download drivers, software, and updates for your WD product.
- **Registration** - Register your WD product to get the latest updates and special offers.
- **Warranty & RMA Services** - Get Warranty, Product Replacement (RMA), RMA Status, and Data Recovery Information.
- **Knowledge Base** - Search by keyword, phrase, or answer ID.
- **Installation** - Get online installation help for your WD product or software.

Contacting WD Technical Support

When contacting WD for support, have your WD product serial number, system hardware, and system software versions available.

North America		**Asia Pacific**	
English	800.ASK.4WDC (800.275.4932)	Australia	1 800 42 9861
		China	800 820 6682/+65 62430496
Spanish	800.832.4778	Hong Kong	+800 6008 6008
		India	1 800 11 9393 (MNTL)/ 1 800 200 5789 (Reliance) 011 26384700 (Pilot Line)
Europe (toll free)*	00800 ASK4 WDEU (00800 27549338)	Indonesia	+803 852 9439
		Japan	0120 994 120 / 00 531 650442
		Korea	02 703 6550
Europe	+31 880062100	Malaysia	+800 6008 6008/1 800 88 1908/+65 62430496
Middle East	+31 880062100	Philippines	1 800 1441 0159
Africa	+31 880062100	Singapore	+800 6008 6008/+800 608 6008/ +65 62430496
		Taiwan	+800 6008 6008/+65 62430496

** Toll free number available in the following countries: Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, United Kingdom.*

Registering Your WD Product

Your WD product includes 30 days of free technical support during the applicable warranty period for your product. The 30-day period commences on the date of your first telephone contact with WD technical support. Register online at *http://register.wdc.com*.

2 Getting Started

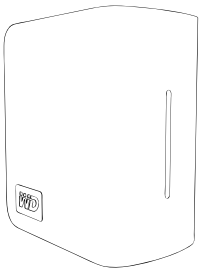
Thank you for purchasing My Book® Studio™ II, the storage solution of choice for creative professionals, workgroups, small offices, and anyone looking for extra assurance of data safety. This user manual provides step-by-step installation instructions and other important information regarding your WD product. For the latest WD product information and news, visit our website at *www.westerndigital.com*.

Kit Contents

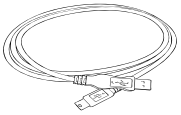
- Dual-drive storage system
- USB cable
- FireWire® 800 cable (9-pin to 9-pin)
- AC adapter*
- Quick Install Guide
- Software CD

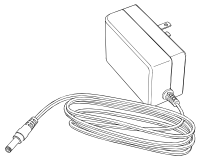
Software CD

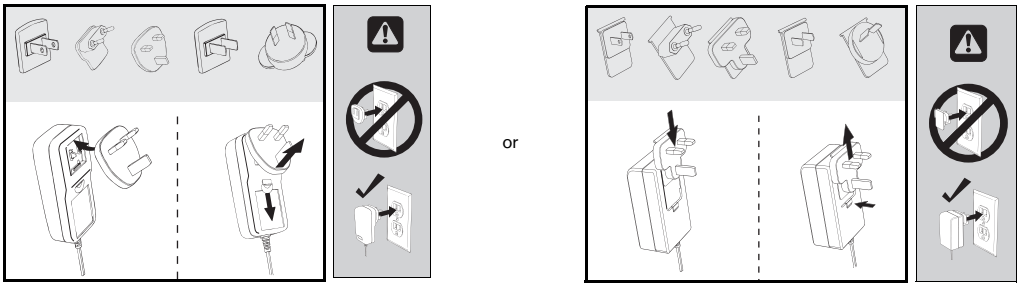
Quick Install Guide


My Book Studio II

FireWire 800 cable


USB cable


AC adapter (U.S.-only)*



Global AC adapter configurations*

**This product may ship with a different AC adapter configuration, depending on your region.*

Optional Accessories

For more information on optional accessories for this product, visit *http://store.westerndigital.com* (U.S. only). Outside the U.S., visit *http://support.wdc.com*.

Compatibility

Mac® OS X®

- Any of the following:
  - USB port
  - FireWire 800 port
  - eSATA port or eSATA adapter card*
- Tiger®
- Leopard®
- Snow Leopard™

Windows®

- Any of the following:
  - USB port
  - FireWire 800 port
  - eSATA port or eSATA adapter card*
- Windows XP†
- Windows Vista®
- Windows 7

Note: Compatibility may vary depending on user's hardware configuration and operating system.

* For a list of compatible eSATA cards, search our knowledge base at *http://support.wdc.com* for answer ID# 1524.

† Windows XP has a known limitation that keeps it from recognizing the full capacity of drives greater than 2 TB. See our Knowledge Base Article# 2754 at *http://support.wdc.com* for more information.

Important: For highest performance and reliability, it is recommended that you install the latest updates and service pack (SP). For Macintosh, go to the **Apple** menu and select **Software Update**. For Windows, go to the **Start** menu and select **Windows Update**.

Recording Your WD Product Information

In the following table, write the serial number and model number of your new WD product found on the label on the bottom of the device. Also, write the purchase date and other notes such as your operating system and version. This information is necessary for setup and technical support.

Serial Number:
Model Number:
Purchase Date:
System and Software Notes:

Precautions

WD products are precision instruments and must be handled with care during unpacking and installation. Drives may be damaged by rough handling, shock, or vibration. Be aware of the following precautions when unpacking and installing your external storage product:

- Do not operate this device outside the temperature range of 5°C–35°C (41°F–95°F)
- Do not drop or jolt the device.
- Do not move the device during activity.
- Do not use My Book as a portable device.
- To avoid overheating, do not block air slots on the underside, top, or rear of the enclosure. Do not stack any objects on top of the device that may block ventilation.

3 About Your WD Drive

Format and Configuration

This WD device is preformatted to HFS+ (Journaled) for compatibility with Macintosh operating systems and is pre-configured for RAID 0 (Striped) mode for maximum capacity and accelerated performance.

This product also supports RAID 1 (Mirrored) mode for extra data protection with instantaneous and automatic data updates. If one drive fails the system will still run and your data will be preserved. You can replace the failed drive and restore the system. For more information, including instructions on changing the RAID configuration or drive format, see “WD RAID Manager for Mac” on page 17 or “WD RAID Manager for Windows” on page 22.

LED Indicators (Lights)

The Power/Activity and Capacity Gauge indicators are represented by a single bar of six LEDs (lights) on the front panel of the drive.

Power/Activity LED Behavior

Appearance	Drive State
Steady	Power-on state or power-save mode
Slow flashing (every four seconds)	System standby
Moving up and down	Drive in use
Alternating checkerboard pattern	Transitioning from one state to another
Alternate flashing between top and bottom LEDs	RAID degraded mode
Cycling from bottom to top	RAID rebuild mode
Fast flashing (every second)	Over-temperature condition*

* If this condition occurs, read/write activity will stop and the drive will spin down. Disconnect and power down My Book. Allow it to cool down for 1-2 hours then reconnect and power up the device.

Capacity Gauge

When the device is turned on, the Capacity Gauge indicates space used on the drive by illuminating six sections in an upward vertical direction. Each section represents approximately 17 percent of drive capacity. Because this drive is preformatted, the first section is illuminated upon installation.

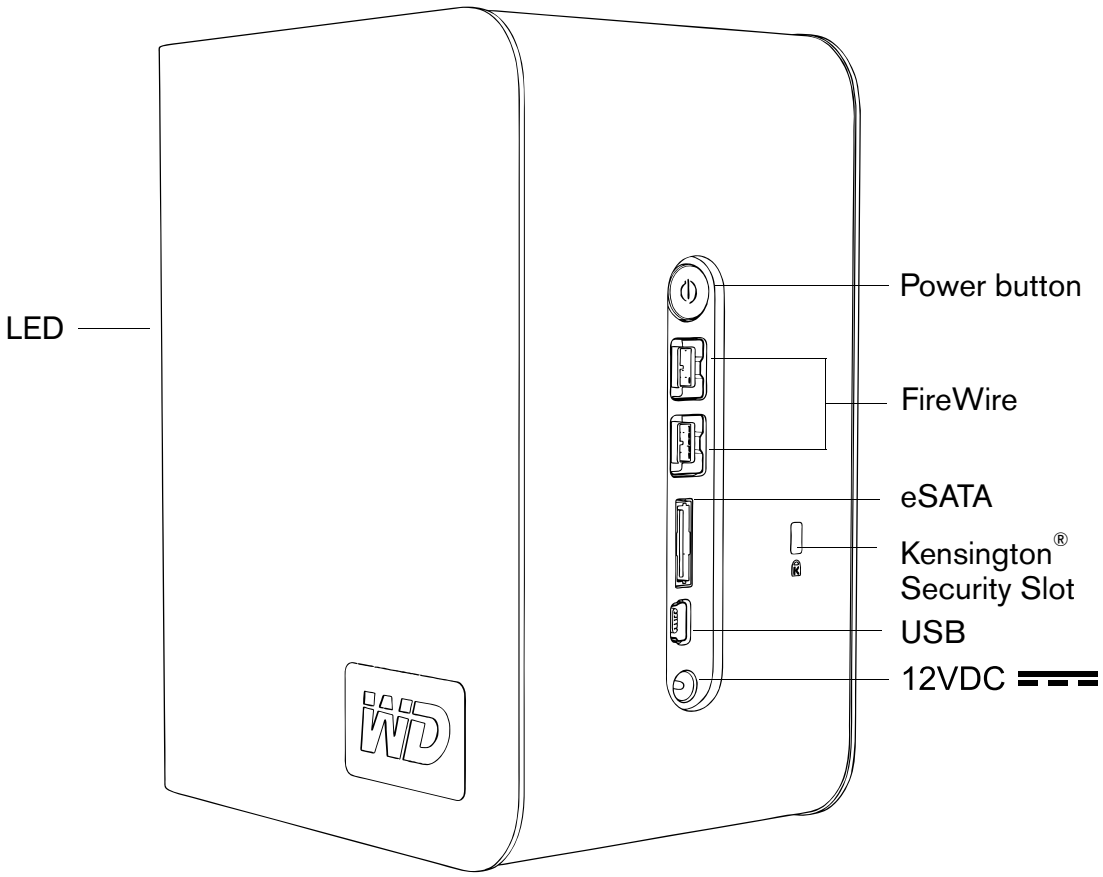
USB and FireWire Mode

The Capacity Gauge is enabled only through installation of WD Drive Manager, which must be installed on each system to which My Book is connected. The Capacity Gauge is updated automatically as the drive is used.

eSATA Mode

Capacity Gauge is not available in eSATA mode.

Interfaces



FireWire – This device is equipped with two FireWire 800 interfaces. FireWire 800 has a maximum data transfer rate of 800 Mb/s and is backward-compatible with FireWire 400 using a special adapter. Connection to a FireWire 400 device transfers data at FireWire 400 speed (up to 400 Mb/s).

USB – The industry standard interface for most Windows-based computers. Hi-Speed USB (USB 2.0) supports data transfer rates up to 480 Mb/s. USB 2.0 is backward-compatible with USB 1.1. Connection to a USB 1.1 device transfers data at USB 1.1 speed (up to 1.5 Mb/s).

eSATA - Up to 3 Gb/s data transfers. To use this interface, an eSATA PCI card or eSATA motherboard port must be present on the host computer.

Kensington Security Slot

For drive security, this device is equipped with a Kensington Security Slot, which supports a standard Kensington security cable (sold separately). For more information on the Kensington Security Slot and available products, visit *www.kensington.com*.

Software

In addition to WD Drive Manager, this WD product is shipped with the following bonus software.

WD Anywhere Backup™ (Mac and Windows) is an intuitive and robust backup and recovery application that provides around-the-clock data protection. It features automatic backup to multiple destinations and synchronization of working files to keep them current. A user guide and online help are included with this application.

Copy Application Software allows you to back up the software included with this device.

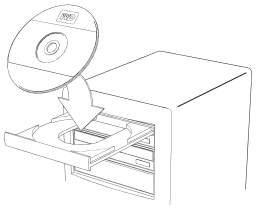
4 Setting Up

Macintosh

FireWire or USB®

Important: Follow the steps below to safely connect the device.

1. Turn on your computer and wait for the operating system to load.
2. Insert the software CD into the CD-ROM drive.



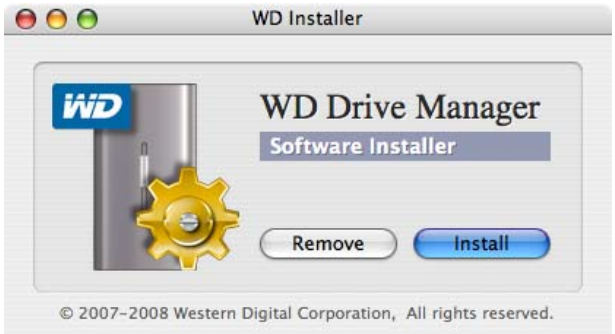
3. Double-click the CD-ROM drive icon.

4. Double-click the WD Drive Manager folder, which contains the software for this device

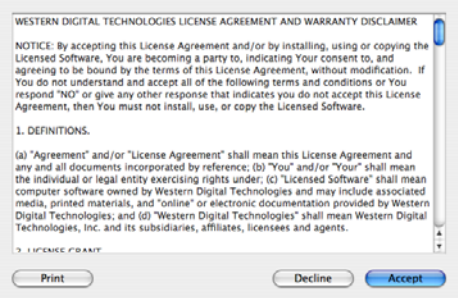
5. Double-click the WDDriveManager.dmg icon.

6. Double-click the WD Drive Manager Installer icon.

7. Click **Install**. WD Drive Manager enables the capacity gauge and Safe Shutdown™ and also installs WD RAID Manager.

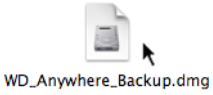


8. Click **Accept** to accept the license agreement and continue with the installation.

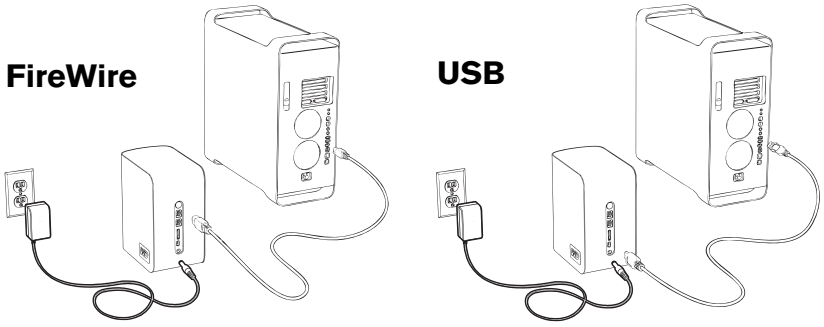

WESTERN DIGITAL TECHNOLOGIES LICENSE AGREEMENT AND WARRANTY DISCLAIMER
NOTICE: By accepting this License Agreement and/or by installing, using or copying the Licensed Software, You are becoming a party to, indicating Your consent to, and agreeing to be bound by the terms of this License Agreement, without modification. If You do not understand and accept all of the following terms and conditions or You respond "NO" or give any other response that indicates you do not accept this License Agreement, then You must not install, use, or copy the Licensed Software.
1. DEFINITIONS.
(a) "Agreement" and/or "License Agreement" shall mean this License Agreement and any and all documents incorporated by reference; (b) "You" and/or "Your" shall mean the individual or legal entity exercising rights under; (c) "Licensed Software" shall mean computer software owned by Western Digital Technologies and may include associated media, printed materials, and "online" or electronic documentation provided by Western Digital Technologies; and (d) "Western Digital Technologies" shall mean Western Digital Technologies, Inc. and its subsidiaries, affiliates, licensees and agents.
Print
Decline
Accept

9. Click **Quit.**

10. If you want to install the backup software now, double-click the WD Anywhere Backup icon in the My Book Studio II screen and follow the instructions as prompted.



11. Connect the adapter's DC cable plug to the DC power input at the rear panel of the product. Verify that plug type of your wall power adapter is the correct plug type for your region.*
12. Connect the wall adapter to your AC power receptacle.
13. Plug one end of the interface cable (USB or FireWire 800) into an available port on your computer.
14. Plug the other end of the interface cable into the device.



15. The unit will power up and mount to the system, and WD Drive Manager will appear in the status menu. Your My Book Studio II is now installed and ready to use.

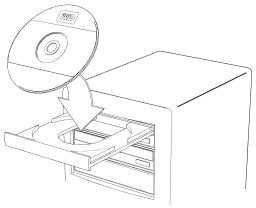
**This product may ship with a different AC adapter configuration, depending on your region.*

Note: For more information about interface types and connectors, search our knowledge base at *http://support.wdc.com* for answer ID# 1729.

eSATA

Note: The eSATA interface does not support WD Drive Manager

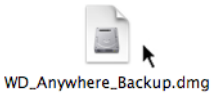
1. Turn on your computer and wait for the operating system to load.
2. Insert the software CD into the CD-ROM drive.



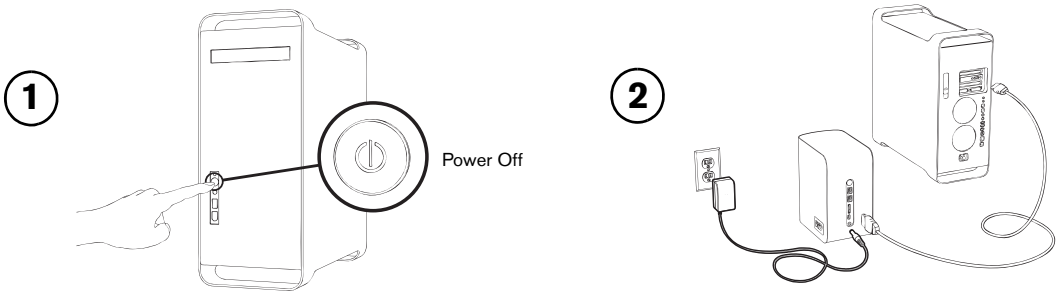
3. Double-click the CD-ROM drive icon.

4. Double-click the WD Drive Manager folder, which contains the software for this device

5. If you want to install the backup software now, double-click the WD Anywhere Backup icon in the My Book Studio II screen and follow the instructions as prompted.



6. Turn off your computer.



7. Connect the adapter's DC cable plug to the DC power input at the rear panel of the product. Verify that plug type of your wall power adapter is the correct plug type for your region.
8. Connect the wall adapter to your AC power receptacle.
9. Plug one end of the eSATA cable into an available port on your computer.
10. Plug the other end of the interface cable into the device.
11. Turn on your computer.
12. Turn on My Book by pressing the power button located on the back panel.
13. The unit will power up and mount to the system. Your My Book Studio II is now installed and ready to use.

Note: Some eSATA controllers may require a system reboot to recognize the device.

Windows

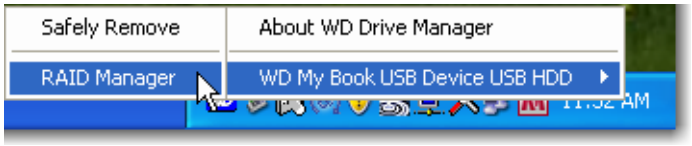
Important: You must first install the drivers and utilities on the included CD before connecting the unit. Follow the steps below to safely connect the device.

1. Turn on your computer.
2. Insert the software CD into the CD-ROM drive.
3. The CD autoruns. Click **Accept** in the terms of agreement screen and WD Drive Manager and drivers are installed automatically. WD Drive Manager enables the capacity gauge and Safe Shutdown™ and also installs WD RAID Manager.

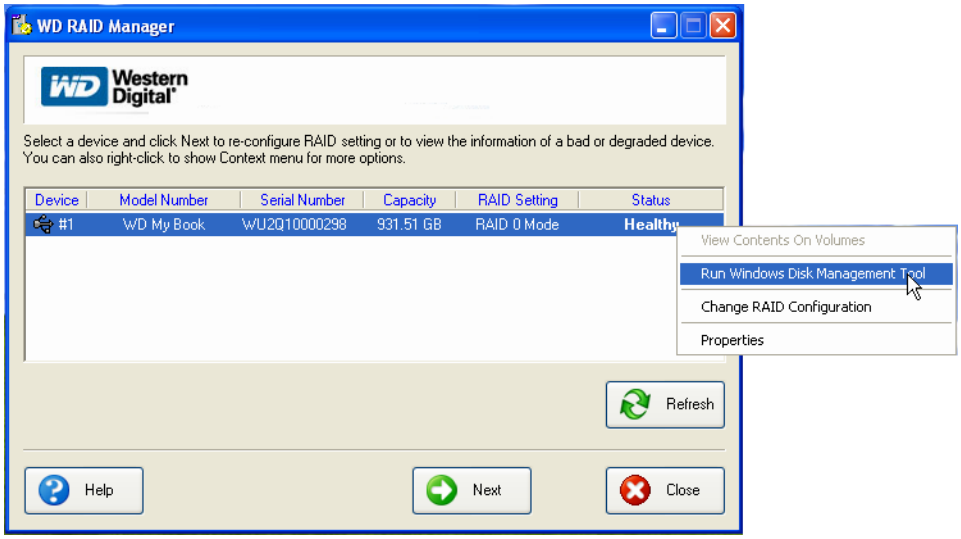
   Note: If AutoPlay is disabled on your computer, you must install the utilities manually. Go to the desktop. Double-click My Computer, My Book folder, WD_Windows_Tools folder, and Setup.exe. Then run the CD which installs the drivers.
4. The Application Installer screen displays a list of options including software, documentation, and a registration link. All applications are selected by default. Deselect any applications you do not want to install, then click **Start**. Or, click **Cancel** to exit and no applications will be installed.
5. Connect the adapter's DC cable plug to the DC power input at the rear panel of the product. Verify that plug type of your wall power adapter is the correct plug type. If incorrect, remove it and install the correct one.
6. Connect the wall adapter to your AC power receptacle.
7. Plug one end of the interface cable (USB or FireWire 800) into an available port on your computer.
8. Plug the other end of the interface cable into the device, after which the unit mounts to the system. The WD Drive Manager icon flashes in the system tray.

   Note: If Windows prompts for additional drivers, allow it to perform its search.

9. Since My Book Studio II comes preformatted for Mac, you must now reformat it for Windows so your system recognizes the device. Right-click the WD Drive Manager system tray icon and point to **WD My Book**. Click **WD RAID Manager**.



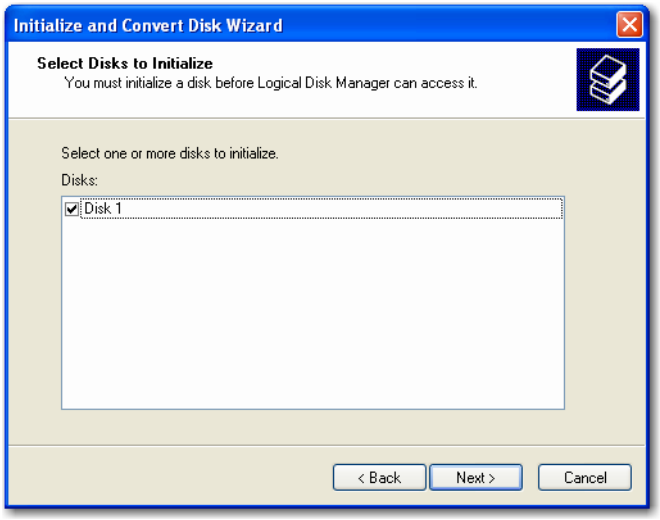
10. Click on the device, then right-click to bring up the context menu. Click **Run Windows Disk Management Tool**.



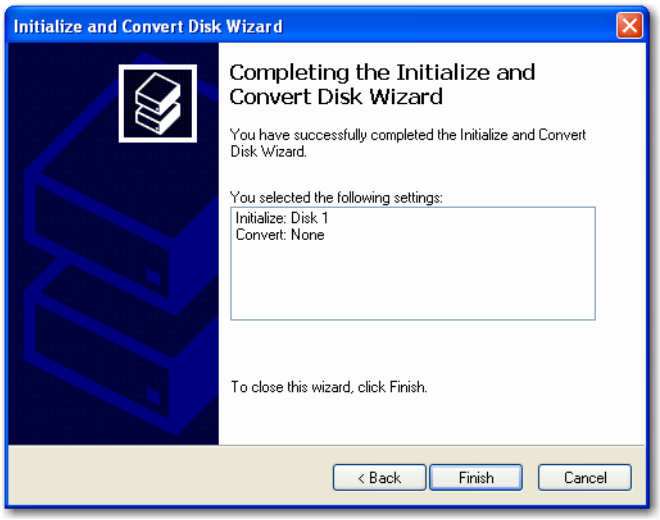
11. The Initialize and Convert Disk Wizard appears. Click **Next**.

Initialize and Convert Disk Wizard
Welcome to the Initialize and Convert Disk Wizard
This wizard helps you to initialize new disks and to convert empty basic disks to dynamic disks.
You can use dynamic disks to create software-based RAID volumes that can be mirrored, or they can be striped or spanned across multiple disks. You can also expand single-disk and spanned volumes without having to restart the computer.
After you convert a disk to dynamic, you can only use Windows 2000 and later versions of Windows on any volume of that disk.
To continue, click Next.
< Back
Next >
Cancel

12. The Select Disks to Initialize screen appears. The My Book disk number is selected by default. Click **Next**.


Initialize and Convert Disk Wizard
Select Disks to Initialize
You must initialize a disk before Logical Disk Manager can access it.
Select one or more disks to initialize.
Disks:
Disk 1
< Back
Next >
Cancel

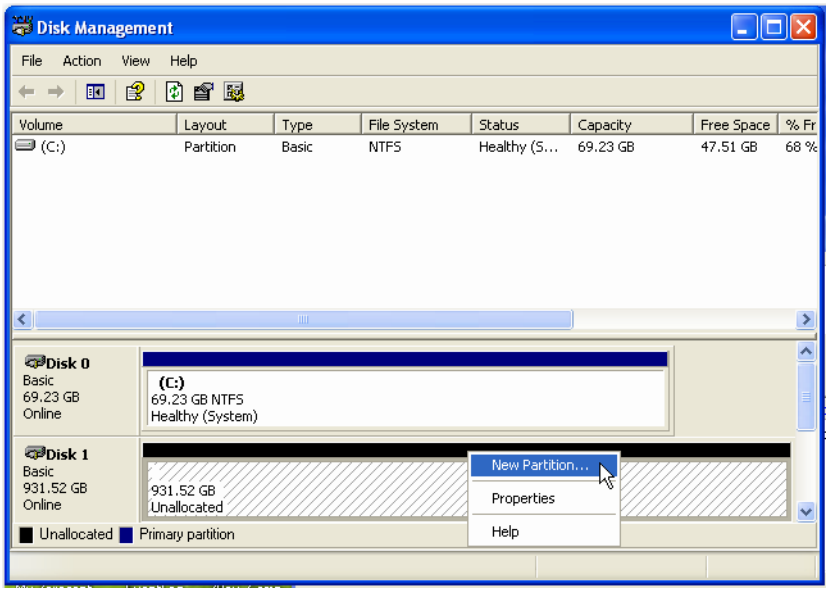
13. The Initialize and Convert Disk Wizard completes. Click **Finish**.


Initialize and Convert Disk Wizard
Completing the Initialize and Convert Disk Wizard
You have successfully completed the Initialize and Convert Disk Wizard.
You selected the following settings:
Initialize: Disk 1
Convert: None
To close this wizard, click Finish.
< Back
Finish
Cancel

14. The device displays as a large Unallocated partition. Right-click on the black bar (Unallocated space) to see a menu of available options.

CAUTION: Be sure to select the Unallocated drive (black bar). Do not select a system drive or any other healthy drive.

Select **New Partition** or **New Simple Volume** from the menu of available options.

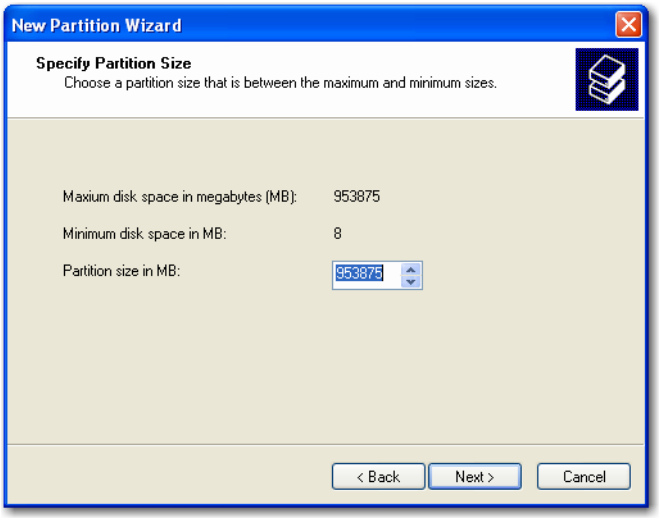


15. The Welcome to the New Partition Wizard or New Simple Volume Wizard appears.

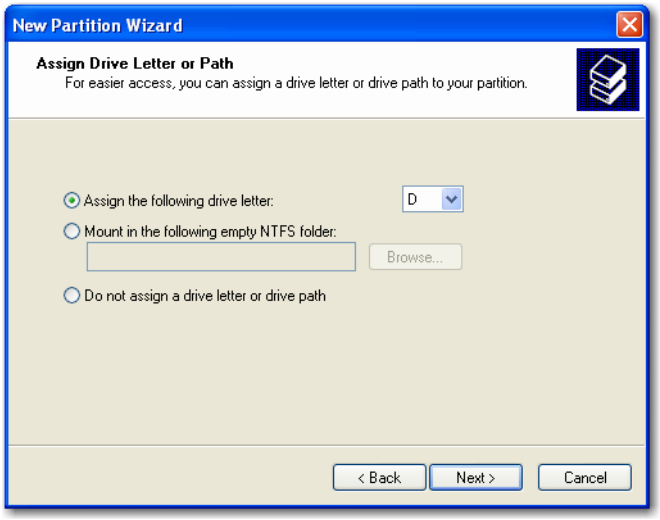
Windows Vista: please proceed to the next step.

Windows XP: click **Next** to continue and select **Primary partition**. Click **Next**.

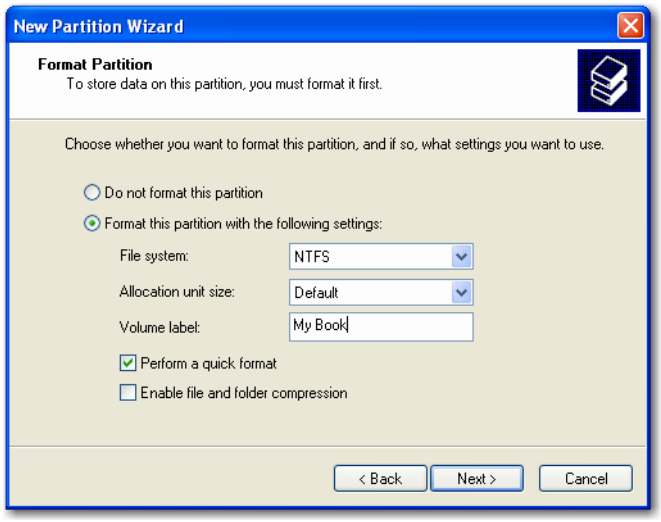
16. Select the size of the partition you wish to create and click **Next**.


New Partition Wizard
Specify Partition Size
Choose a partition size that is between the maximum and minimum sizes.
Maxium disk space in megabytes (MB): 953875
Minimum disk space in MB: 8
Partition size in MB: 953875
< Back
Next >
Cancel

17. Select a drive letter to assign to the partition and click **Next**.

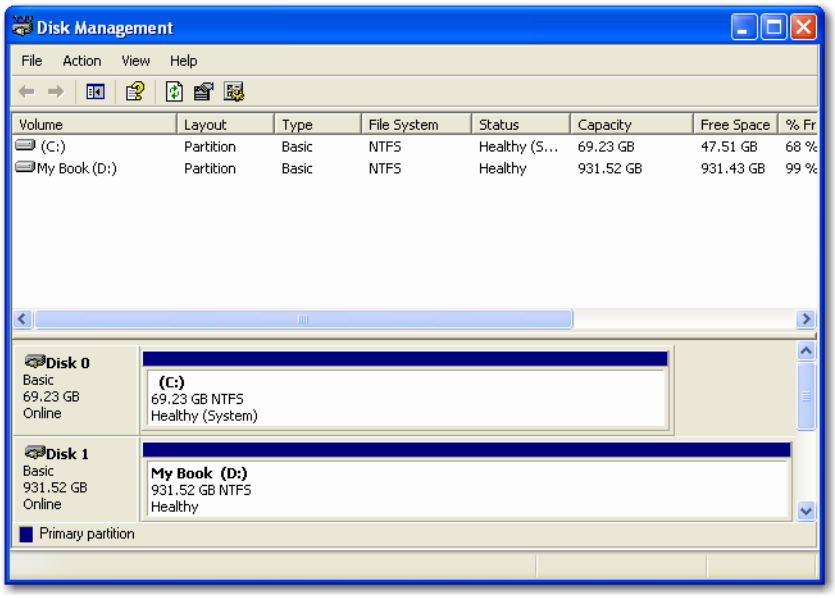

New Partition Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter: D
Mount in the following empty NTFS folder:
Browse...
Do not assign a drive letter or drive path
< Back
Next >
Cancel

18. The Format Partition screen appears. On this screen, you can select the file system, allocation unit size, and volume label you wish to create on the drive. It is recommended that you enter “My Book” in the **Volume label** field and select **Perform a quick format** to save time in the formatting process.


New Partition Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this partition, and if so, what settings you want to use.
Do not format this partition
Format this partition with the following settings:
File system: NTFS
Allocation unit size: Default
Volume label: My Book
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel

Note: In almost all cases, it is best to leave the allocation unit size at default. If you are not dual-booting, it is recommended that you use NTFS as the file system (you can also select FAT16 or FAT32). Dynamic partitions cannot be created on an external hard drive. The Windows 2000 and Windows XP Disk Management utility cannot support the format of a FAT32 partition larger than 32GB. Go to *support.microsoft.com* and search for Microsoft Knowledge Base Article 184006 for additional information.

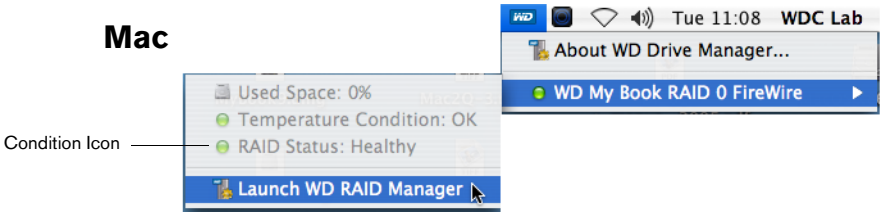
19. Click **Next** to verify the process and the choices you selected.
20. Click **Finish** to complete the process. After the formatting process completes, My Book appears as a drive letter in My Computer and is now installed and ready to use.



5 WD Drive Manager Status

WD Drive Manager Status provides a quick view of the general status of the device. To view WD Drive Manager Status in Mac, click the WD Drive Manager status menu icon and point to WD My Book RAID.

Mac



To view WD Drive Manager Status in Windows, roll the cursor over the WD Drive Manager system tray icon.

Windows

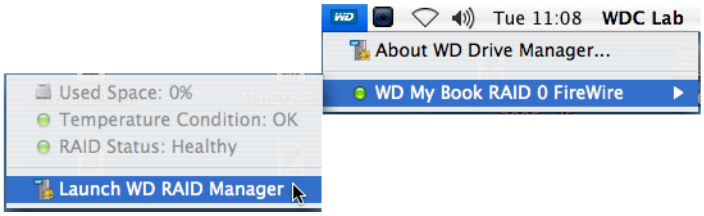
WD Drive Manager Status
Drive Name [Volumes] Used Temp. Status
WD My Book USB Device USB HDD [F:] 1% OK RAID0 - Healthy
8:38 AM
Condition Icon

WD Drive Manager Status Messages

WD Drive Manager icon color/behavior	Condition icon color	Meaning
Blue	Green	Healthy
Blue flashing	Yellow	RAID 1 degraded
Blue	Yellow	RAID 1 rebuilding
Red flashing	Red	See WD Drive Manager Status for details

6 WD RAID Manager for Mac

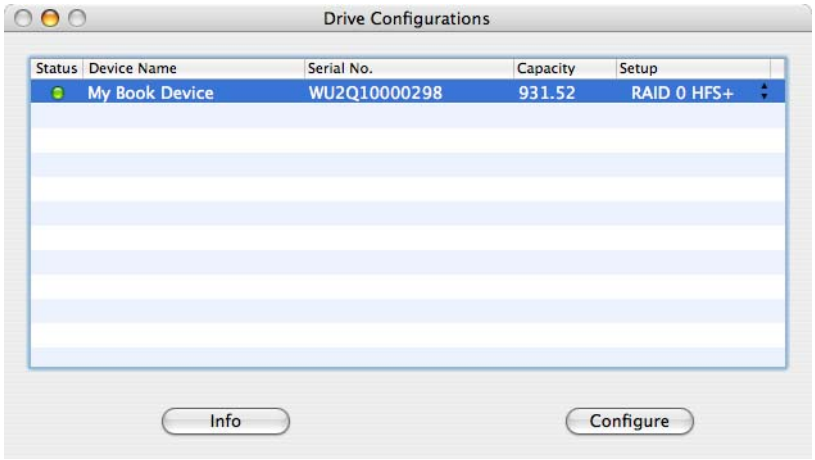
WD RAID Manager is a tool designed to help you easily manage your RAID system, including changing the RAID configuration and formatting the device. To launch WD RAID Manager, click the WD Drive Manager menu extra icon and point to **WD My Book**. Click **Launch WD RAID Manager**.



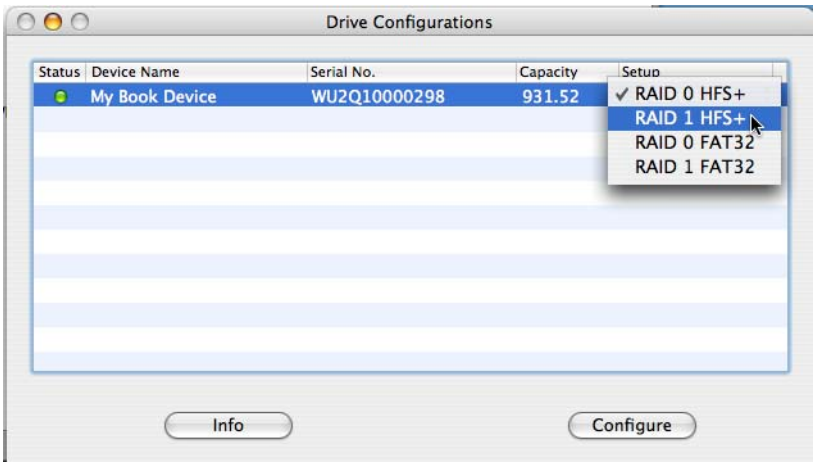
Configuring RAID

Important: Before you proceed, make sure to back up all files stored in My Book onto another storage device.

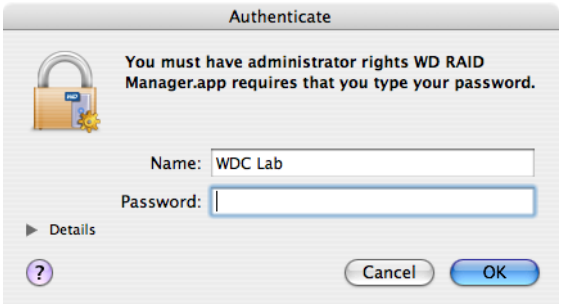
My Book Studio II is preformatted for HFS+ (Journaled) and is preconfigured for RAID 0 (Striped) mode for maximum capacity and accelerated performance. This product also supports RAID 1 (Mirrored) mode for data protection which dedicates half the capacity to mirror the data on both drives A and B.



1. To configure or change the RAID setting, click on a device from the menu to display the popup menu. The checkmark indicates the current RAID configuration.



2. Select the desired RAID configuration and device format and click **Configure**.
3. When prompted to confirm, click **Configure** again.
4. As standard precaution, the system prompts you for an administrator's name and password to authenticate your action. Enter this information and click **OK**.



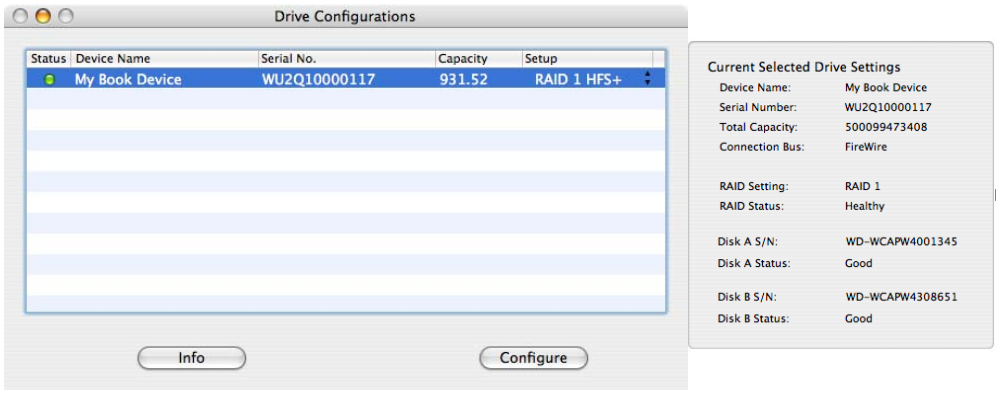
When configuring the device, WD RAID Manager automatically formats the disk as a single volume using the format and RAID type specified. FAT32 formats with a Master Boot Record partition map for Windows compatibility.

The HFS+ setting formats with an HFS Extended w/ Journal volume using a partition map type which best matches the Macintosh model the drive is currently connected to. On Macintosh computers with PowerPC processor(s), an Apple Partition Map structure is created. On Macintosh computers with Intel processor(s), a GUID Partition Table is created.

For information on how to make your My Book bootable on an Intel-based Macintosh, go to http://support.wdc.com and search for answer ID# 1787.

RAID Troubleshooting

WD RAID Manager monitors the activity of the drives in the RAID system so you can view the status of each drive and take the appropriate action. To view the device status as well as the status of each internal hard drive, including which drive (A or B) may have experienced a fault, click on a device and then click **Info**, which brings up a drawer on the right hand side of the main window.



RAID Status Messages

WD RAID Manager reports the following messages depending on the current status of your drive.

Displayed Status Text	Description	User Action
Healthy	Array is properly configured and operating normally.	None
Setting Mismatched	Drives from different RAID sets detected in slots.	Both slots have valid array configurations, but they do not agree on the settings and the device is not able to determine which configuration is newer. Install another drive that is not part of a different RAID array. Install the original drive that is part of the RAID array.Create a new array with the installed drives.
Degraded	The array configuration is valid and is currently RAID1, but one slot is marked as faulty.	RAID 1 only Consult the slot status values to determine which slot is faulty and replace the drive.
RAID Status Rebuilding	The array configuration is valid, but one slot is being rebuilt from the other slot.	RAID 1 only Recovering from degraded mode. Wait for rebuild to complete. (This may take several hours.)
Bad	Neither slot contains a valid array configuration.	Check disk status. See “Disk Status Messages” on page 21.

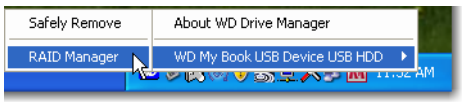
Disk Status Messages

WD RAID Manager reports the following messages depending on the current status of your Disk A and B.

Displayed Status Text	Description	User Action
Good	The slot configuration contains valid data. Consult the array status to see if other errors have been detected.	None
No hard disk	The slot contains no HDD	Install drive in empty slot.
No Config	The slot does not contain a valid configuration.	Create New RAID set. (Loss of data) Mismatched capacity. Replace drive with identical capacity drive and re-create RAID set.
Faulty	The slot is marked as faulty.	Replace drive.
Rebuilding	The slot is currently being rebuilt from the other slot.	Wait for rebuild to complete. This will take several hours.
Good	Initialization failed to complete.	Replace other drive.
Rejected	The slot contains an HDD that does not meet the unit's requirements.	Install drive that is compatible with RAID device. Only WD Green Drives are compatible.

7 WD RAID Manager for Windows

WD RAID Manager is a tool designed to help you easily manage your RAID system, including changing the RAID configuration and formatting the device. To launch WD RAID Manager, click the WD Drive Manager system tray icon and point to **WD My Book**. Click **WD RAID Manager**.

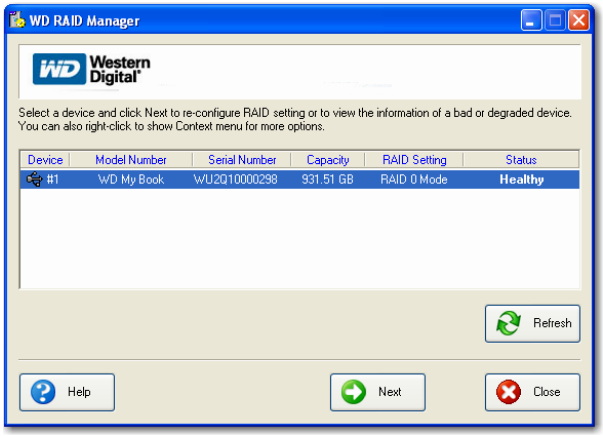


Configuring RAID

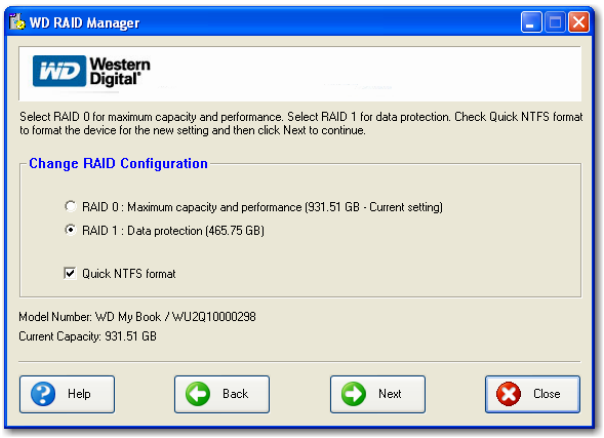
My Book Studio II is preformatted for HFS+ (Journaled) and is preconfigured for RAID 0 (Striped) mode for maximum capacity and accelerated performance. This product also supports RAID 1 (Mirrored) mode for data protection which dedicates half the capacity to mirror the data on both drives A and B.

Important: Before you proceed, make sure to back up all files stored in My Book onto another storage device.

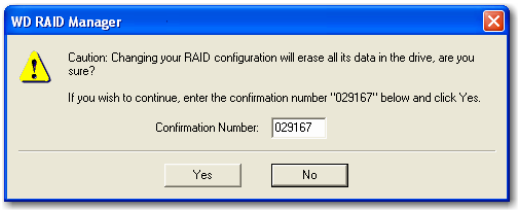
1. To configure or change the RAID setting, select the device from the menu and click **Next**.



2. Select the desired RAID configuration by clicking **RAID 0** or **RAID 1** (the following example shows RAID 1). Select **Quick NTFS format** if you want the drive formatted automatically following completion of the new RAID setting.

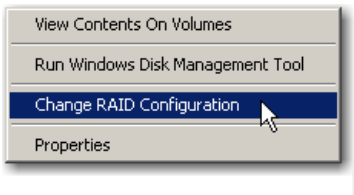

WD RAID Manager
Western Digital
Select RAID 0 for maximum capacity and performance. Select RAID 1 for data protection. Check Quick NTFS format to format the device for the new setting and then click Next to continue.
Change RAID Configuration
RAID 0 : Maximum capacity and performance (931.51 GB - Current setting)
RAID 1 : Data protection (465.75 GB)
Quick NTFS format
Model Number: WD My Book / WU2Q10000298
Current Capacity: 931.51 GB
Help
Back
Next
Close

3. Enter the confirmation number provided, then click **Yes**. When prompted again, click **Yes** to confirm.


WD RAID Manager
Caution: Changing your RAID configuration will erase all its data in the drive, are you sure?
If you wish to continue, enter the confirmation number "029167" below and click Yes.
Confirmation Number:
029167
Yes
No

4. Click **Close** when finished.

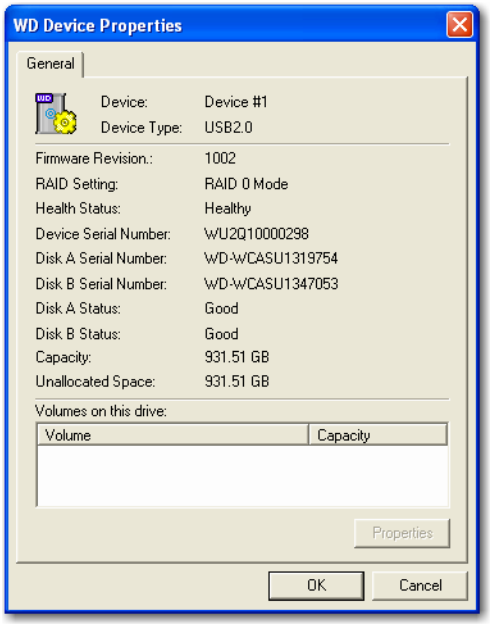
You can also use the context menu in WD RAID Manager to run Windows Disk Management Tool, perform NTFS quick format, or change the RAID configuration. Right-click on a device in the WD RAID Manager main screen to view options.



RAID Troubleshooting

WD RAID Manager monitors the activity of the drives in the RAID system, so at anytime, you can view the status of each drive and take the appropriate action. To view the device status, select the device from the menu and click **Next**. If you don't see the device on the menu, click **Refresh** to search for My Book devices connected to your computer system.

You can also right-click the device and choose **Properties**. In this screen, you can determine which drive (A or B) may have experienced a fault. This is reported in the Disk A or Disk B Serial Number field.



RAID Status Messages

WD RAID Manager reports the following messages depending on the current status of your drive.

Displayed Status Text	Description	User Action
Healthy	Array is properly configured and operating normally.	None
Setting Mismatched	Drives from different RAID sets detected in slots.	Both slots have valid array configurations, but they do not agree on the settings and the device is not able to determine which configuration is newer. Install another drive that is not part of a different RAID array. Install the original drive that is part of the RAID array.Create a new array with the installed drives.
Degraded	The array configuration is valid and is currently RAID1, but one slot is marked as faulty.	RAID 1 only Consult the slot status values to determine which slot is faulty and replace the drive.
RAID Status Rebuilding	The array configuration is valid, but one slot is being rebuilt from the other slot.	RAID 1 only Recovering from degraded mode. Wait for rebuild to complete. (This may take several hours.)
Bad	Neither slot contains a valid array configuration.	Check disk status. See “Disk Status Messages” on page 25.

Disk Status Messages

WD RAID Manager reports the following messages depending on the current status of your Disk A and B.

Displayed Status Text	Description	User Action
Good	The slot configuration contains valid data. Consult the array status to see if other errors have been detected.	None
No hard disk	The slot contains no HDD	Install drive in empty slot.
No Config	The slot does not contain a valid configuration.	Create New RAID set. (Loss of data) Mismatched capacity. Replace drive with identical capacity drive and re-create RAID set.
Faulty	The slot is marked as faulty.	Replace drive.
Rebuilding	The slot is currently being rebuilt from the other slot.	Wait for rebuild to complete. This will take several hours.
Good	Initialization failed to complete.	Replace other drive.
Rejected	The slot contains an HDD that does not meet the unit's requirements.	Install drive that is compatible with RAID device. Only WD Green Drives are compatible.

8 Turning Off/Disconnecting the Device

Auto-off

My Book turns off automatically when you shut down the computer. You also may follow these steps to turn off the device.

Important: To prevent data loss, close all active windows, files, and applications before shutting down the device, which will otherwise prevent successful safe shutdown.

Safe Shutdown™

The Power button features Safe Shutdown, which prevents the inadvertent powering down of My Book until all data is written to the device or system. To engage Safe Shutdown, press the Power button once. You may hear the device power down before the Power LED turns off. My Book is now shut down properly and may be safely disconnected.

Safe Shutdown is enabled only through installation of its driver, which must be installed on each system to which My Book is connected.

CAUTION: eSATA does not support Safe Shutdown.

Safe Removal

Mac

Drag the My Book icon to the Trash icon for proper dismount. You may hear the device power down as the Power LED flashes. When the Power LED is steady, you may press the Power button once or disconnect My Book's power cord to turn it off safely.

Windows

Right-click on the WD Drive Manager icon in your system tray and point to **My Book... > Safely Remove**. You can also right-click the Safely Remove Hardware icon in your system tray and select **Safely Remove Hardware**. You may hear the device power down before the Power LED turns off. My Book is now shut down properly, and you may disconnect the device safely.

Unplugging the Device

You may perform normal system shutdown at any time and remove the product thereafter. If the computer is still on, first follow the instructions under Safe Shutdown or Safe Removal above.

1. Unplug the interface cable from the device.
2. Unplug the other end of the interface cable from the computer port.
3. Unplug the AC adapter from the power receptacle.
4. Unplug the the DC power connector from the power supply socket on the back of the device.

9 Replacing a Drive

My Book Studio II is a limited user-serviceable product which allows for servicing of one or both internal hard drives in the enclosure.

Important: Only WD Caviar® Green™ hard drive assemblies can be inserted into the My Book Studio II enclosure.

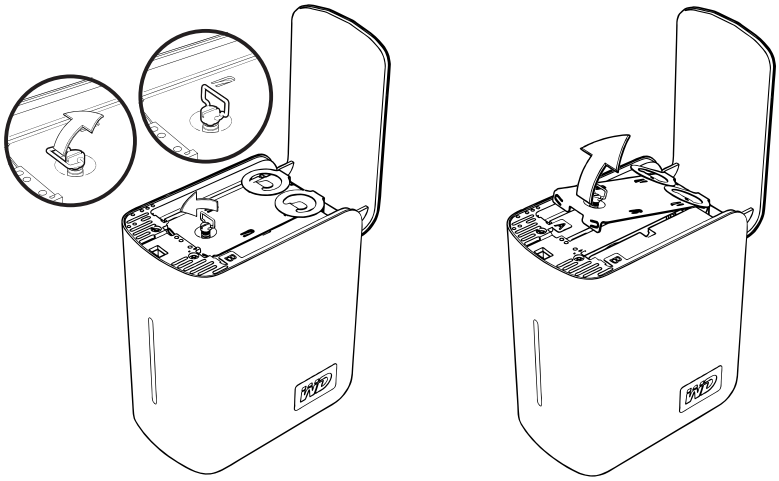
In the event a fault occurs and you would like to service the device yourself, visit WD Technical Support at *http://support.wdc.com* and search the knowledge base article 1709 for detailed instructions on obtaining a replacement drive. When contacting Technical Support, have the following items ready: My Book serial number, date of purchase, and the serial number of the internal hard drive(s) which require replacement. Once you have received the replacement drive(s), follow the steps below to service My Book.

Important: To avoid ESD problems, ground yourself by touching the metal chassis of the computer before handling the device. Because articles of clothing generate static electricity, do not allow clothing to come in direct contact with the hard drive or circuit board components.

Before getting started, power off the unit and disconnect all of its cables.

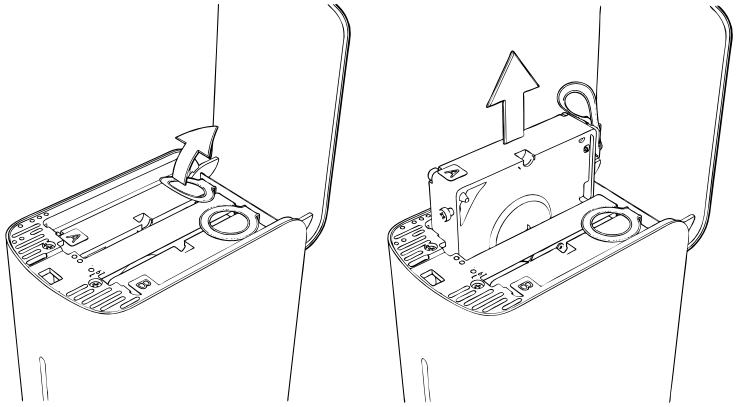
1. Place the unit on a clean and stable surface.
2. Using your thumb, firmly push down on the top front panel of the unit to release the latch and open the cover.

3. Loosen the thumbscrew that secures the drive cover plate. Remove the drive cover plate and set aside.

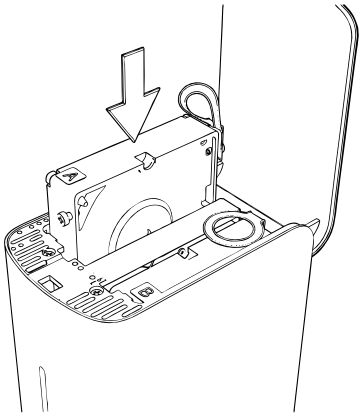


Note: Each drive is designated A or B by a color coded decal.

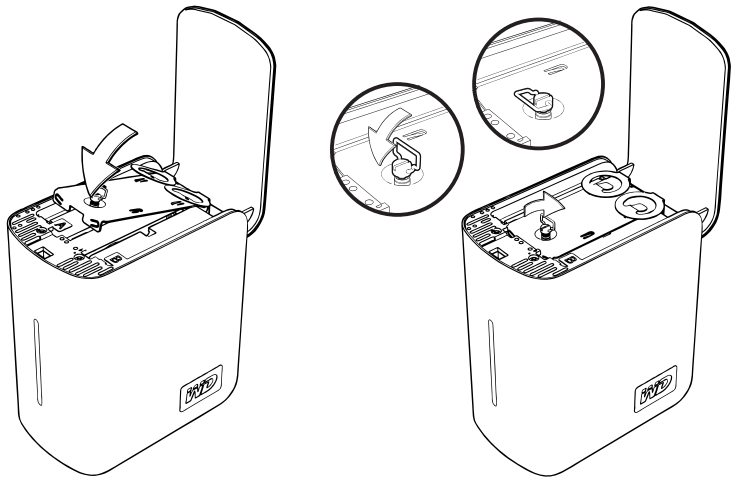
4. Locate the drive you wish to replace (A or B). Using the pulltab, carefully and slowly pull the drive assembly up and out of the enclosure and set aside.



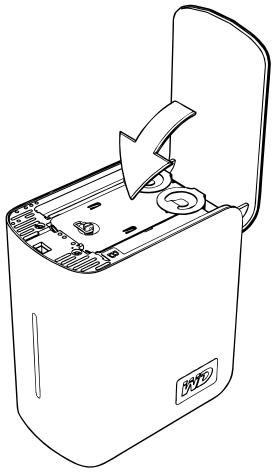
5. Gently slide the replacement drive assembly into the drive slot until is fully inserted.



6. Replace the cover plate and secure it with the thumbscrew.
   Note: Do not overtighten the thumbscrew.



7. Close the cover and firmly push down until it locks into place.



8. Reconnect only the power cable to the device. Do not connect computer interface cables.
9. The drive starts the rebuild process automatically and the LEDs cycle from bottom to top. The RAID rebuild may take up to 12 hours depending on drive capacity and activity, but typically will complete in 5-7 hours. Allow the RAID rebuild to complete.

Important: Do not attempt to use the device during the rebuild process.

10. Once complete, the LEDs will glow steadily to indicate power-on state.
11. Connect the interface cable. The WD Drive Manager Status displays (see "WD Drive Manager Status" on page 16).
12. Return the replacement drive following the instructions provided in the WD knowledge base article# 1709.

Important: Do not disassemble the internal drive and attached assembly components. Return the entire internal drive assembly intact to WD.

10

Troubleshooting

If you have problems when installing or using this product, visit our support Web site at *http://support.wdc.com* and search our knowledge base for more help.

How to	Answer ID
▪ install My Book Studio II on a Windows or Macintosh computer	1691
▪ use My Book Studio II with your computer system	1717
▪ service My Book Studio II to replace a hard drive	1709
▪ change the RAID setting of a WD My Book Studio II	1465
▪ format the drive to Mac OS format	287
▪ install, partition, and format the drive in Windows XP/Vista	207
▪ install, partition, and format the drive in Windows 2000	34
▪ make a device bootable on Intel-based Mac systems	1787
▪ obtain and reinstall the original software included on My Book	1425
▪ obtain further information on external hard drive interfaces	1729

11 Appendix

Regulatory Compliance

FCC Class B Information

This device has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. Any changes or modifications not expressly approved by WD could void the user's authority to operate this equipment.

ICES/NMB-003 Compliance

Cet appareil de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Canadian ICES-003 Class B.

Safety Compliance

Approved for US and Canada. CAN/CSA-C22.2 No. 60950-1, UL 60950-1: Safety of Information Technology Equipment.

Approuvé pour les Etats-Unis et le Canada. CAN/CSA-C22.2 No. 60950-1 : Sûreté d'équipement de technologie de l'information.

This product is intended to be supplied by a listed limited power source, double insulated, or direct plug-in power unit marked “Class 2.”

CE Compliance For Europe

Marking by the CE symbol indicates compliance of this system to the applicable Council Directives of the European Union, including the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC). A “Declaration of Conformity” in accordance with the applicable directives has been made and is on file at Western Digital Europe.

GS Mark (Germany only)

Machine noise - regulation 3. GPSGV: Unless declared otherwise, the highest level of sound pressure from this product is 70db(A) or less, per EN ISO 7779. Maschinenlärminformations-Verordnung 3. GPSGV: Der höchste Schalldruckpegel beträgt 70 db(A) oder weniger gemäß EN ISO 7779, falls nicht anders gekennzeichnet oder spezifiziert.

KC Notice (Republic of Korea only)

기종별	사용자 안내문
B 급기기 (가정용방송통신기자재)	이기기는가정용(B 급) 전자파적합기기로서주로 가정에서사용하는것을목적으로하며 , 모든지역 에서사용할수있습니다

Environmental Compliance (China)

部件名称	有毒有害物质和元素					
	铅 (Pb)	镉 (Cd)	汞 (Hg)	六价铬 (Cr^{6+})	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
包装页	O	O	O	O	O	O
包装外壳	O	O	O	O	O	O
光导管	O	O	O	O	O	O
电源按钮	O	O	O	O	O	O
HDD 托架	O	O	O	O	O	O
EMI 外壳	O	O	O	O	O	O
个性化板材	O	O	O	O	O	O
Kensington 锁按键	O	O	O	O	O	O
螺丝 6-32x6.35mm	O	O	O	O	O	O
螺丝 M3x5mm+5W	O	O	O	O	O	O
垂直支脚	O	O	O	O	O	O
减震架	O	O	O	O	O	O
印制板装配 (PCA)*	O	O	O	O	O	O
硬盘	X	O	O	O	O	O
电缆组件	O	O	O	O	O	O
电源适配器	O	O	O	O	O	O
电源线	O	O	O	O	O	O

* 印制板装配包括所有印刷电路板 (PCB) 及其相应的各个组件、IC 及连接器。

O：表示此部件所用的所有均质材料中包含的此有毒或有害物低于 MCV 标准中的限制要求。

X：表示此部件所用的均质材料中至少有一种材料包含的此有毒或有害物高于 MCV 标准中的限制要求。

在出现一个 “X” 的所有情况下，WD 采用容许的排除。

GNU General Public License (“GPL”)

Firmware incorporated into this product may include third party copyrighted software licensed under the GPL or Lesser General Public License ("LGPL") (collectively, “GPL Software”) and not Western Digital’s End User License Agreement. In accordance with the GPL, if applicable: 1) the source code for the GPL Software may be downloaded at no charge from *http://support.wdc.com/download/gpl* or obtained on CD for a nominal charge from *http://support.wdc.com/download/gpl* or by calling Customer Support within three years of the date of purchase; 2) you may re-use, re-distribute, and modify the GPL Software; 3) with respect solely to the GPL Software, no warranty is provided, to the extent permitted by applicable law; and 4) a copy of the GPL is included herewith, may be obtained at *http://www.gnu.org*, and may also be found at *http://support.wdc.com/download/gpl*.

Modification of or tampering with the Software, including but not limited to any Open Source Software, is solely at your own risk. Western Digital is not responsible for any such modification or tampering. Western Digital will not support any product in which you have or have attempted to modify the Software supplied by Western Digital.

Warranty Information

Obtaining Service

WD values your business and always attempts to provide you the very best of service. If this Product requires maintenance, either contact the dealer from whom you originally purchased the Product or visit our product support Web site at *http://support.wdc.com* for information on how to obtain service or a Return Material Authorization (RMA). If it is determined that the Product may be defective, you will be given an RMA number and instructions for Product return. An unauthorized return (i.e., one for which an RMA number has not been issued) will be returned to you at your expense. Authorized returns must be shipped in an approved shipping container, prepaid and insured, to the address provided on your return paperwork. Your original box and packaging materials should be kept for storing or shipping your WD product. To conclusively establish the period of warranty, check the warranty expiration (serial number required) via *http://support.wdc.com*. WD shall have no liability for lost data regardless of the cause, recovery of lost data, or data contained in any Product placed in its possession.

Limited Warranty

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